L.	Hits	Search Text	DB	Time stamp
Number	612	345/90	USPAT;	2002/09/03
-	612	345/90	US-PGPUB	13:30
	2	(345/90 and ic) and (master and slave)	USPAT;	2002/09/03
	•	(000,00 and 20, and (and 000)	US-PGPUB	13:31
_	128	345/90 and ic	USPAT;	2002/09/03
· ·			US-PGPUB	13:36
-	2802	345/87	USPAT;	2002/09/03
İ	2.5	2.5 (2.7) (4.1))) (4.1) (4.1)	US-PGPUB	14:37
-	763	345/87 and ((integrated near circuit) or ic)	USPAT; US-PGPUB	2002/09/05 09:28
1_	11	(345/87 and ((integrated near circuit) or	USPAT;	2002/09/03
		(ic)) and (master same slave)	US-PGPUB	14:28
-	5	5,552,737	USPAT;	2002/09/03
			US-PGPUB	14:28
-	9		USPAT;	2002/09/03
	2621	integrated circuit))	US-PGPUB	14:54 2002/09/03
-	3681	345/\$.ccls. and (driv\$4 near2 circuit) and (liquid near crystal)	USPAT; US-PGPUB	14:56
_	7	(345/\$.ccls. and (driv\$4 near2 circuit)	USPAT;	2002/09/03
	,	and (liquid near crystal)) and ((master	US-PGPUB	15:20
		and slave) same (ic or (integrated adj		
		circuit)))		
-	5	Kim near Jong-Seon	USPAT;	2002/09/03
1		WE 420 COO!!	US-PGPUB	15:21
_	4	"5420600"	USPAT; US-PGPUB	2002/09/03
_	1	"5021775".PN.	USPAT	2002/09/03
-	_	3021773 .FN.		15:23
-	1	"4901155".PN.	USPAT	2002/09/03
				15:23
-	28	4,901,155	USPAT;	2002/09/03
	_	WASSON	US-PGPUB	15:52
_	1	"4692760".PN.	USPAT	2002/09/03
_	1	"4500880".PN.	USPAT	2002/09/03
	_	450000 1111.	00000	15:30
-	1	"3636553".PN.	USPAT	2002/09/03
				15:31
_	13		USPAT;	2002/09/03
	1	(display) and (master and slave) "5805003".PN.	US-PGPUB USPAT	17:26 2002/09/03
	1	3003003 .PN.	OSFAI	16:10
_	1	"5751279".PN.	USPAT	2002/09/03
	_			16:10
-	1	"5729316".PN.	USPAT	2002/09/03
	_	W550504.6W		16:10
_	1	"5585816".PN.	USPAT	2002/09/03
_	1	"5508728".PN.	USPAT	2002/09/03
	*			16:11
_	1	"5508728".PN.	USPAT	2002/09/03
				16:11
-	5	"5801674"	USPAT;	2002/09/03
		#45.00000# DM	US-PGPUB	16:33
-	1	"4500880".PN.	USPAT	16:29
1 –	14	"5021775"	USPAT;	2002/09/03
			US-PGPUB	16:58
-	108	345/51	USPAT;	2002/09/03
			US-PGPUB	16:58
-	8	345/51 and (master and slave)	USPAT;	2002/09/03
1_	4123	(seiko near epson near corporation)	US-PGPUB USPAT;	16:59 2002/09/03
=	4143	(servo near ebson near corporaction)	US-PGPUB	17:26
-	3	((seiko near epson near corporation))	USPAT;	2002/09/03
		and (1cd) and (master and slave)	US-PGPUB	17:27
-	4	"5818409"	USPAT;	2002/09/04
			US-PGPUB	13:19

-	42	(driving near circuit) and (master same	USPAT;	2002/09/04
	į.	slave) and lcd	US-PGPUB	13:20
_	5	"5801674"	USPAT;	2002/09/04
	Ĭ	333237.	US-PGPUB	13:53
	١,	HECOODON DV	USPAT	2002/09/04
-	1	"5689280".PN.	USPAT	
	Ì			13:34
-	1	"5682177".PN.	USPAT	2002/09/04
	1			13:37
l <u>-</u>	1	"5677705".PN.	USPAT	2002/09/04
	·	1		13:37
	1	"5642133".PN.	USPAT	2002/09/04
-	1	J042133 .FN.	USIAI	13:38
	_		l	
-	1	"5638088".PN.	USPAT	2002/09/04
				13:44
-	1	"5619224".PN.	USPAT	2002/09/04
				13:44
l _	1	"5610628".PN.	USPAT	2002/09/04
	_		1 001	13:47
	1	#5475307# DN	HCDAM	1 1
1	1	"5475397".PN.	USPAT	2002/09/04
				13:47
-	64	1 '	USPAT;	2002/09/04
		controller)	US-PGPUB	14:01
_	12	((seiko near epson) and (liquid near	USPAT;	2002/09/04
		crystal) and ((driving near circuit) or	US-PGPUB	14:41
		driver)) and (master and slave)		
	1 11		HCDATE.	1 2002 (00 (04
_	11	"5726677"	USPAT;	2002/09/04
			US-PGPUB	14:35
-	823	(seiko near epson) and (liquid near	USPAT;	2002/09/04
		crystal) and ((driving near circuit) or	US-PGPUB	14:38
		driver)]
-	3		USPAT;	2002/09/04
	l		US-PGPUB	16:01
	۱ ,	064437		
-	2	964437.ap.	USPAT;	2002/09/04
		l., ., ., ., ., ., ., .	US-PGPUB	16:01
-	24	hitachi and (liquid near crystal) and	USPAT;	2002/09/04
		((driving near circuit) or driver) and	US-PGPUB	16:33
		(master and slave)		
_	6		USPAT;	2002/09/04
			US-PGPUB	16:48
1_	17	Furuhashi near Tsutomu	USPAT;	2002/09/04
-	"'	rutunasni neai isutomu	1	
	_		US-PGPUB	16:51
-	3	(Furuhashi near Tsutomu) and master	USPAT;	2002/09/04
1			US-PGPUB	16:51
-	1	sed1520	USPAT;	2002/09/04
1			US-PGPUB	17:18
-	Δ	sed1503	USPAT:	2002/09/04
1	l '		US-PGPUB	18:33
1_	1	"5021775".PN.		1
1 -		30217/3 .PN.	USPAT	2002/09/04
İ		1,5400,500,1,1,1	l	18:20
-	1		USPAT;	2002/09/04
İ		and slave and memory and ic and column	US-PGPUB	18:35
		and line)		
-	1	("5420600" and (microprocessor and master	USPAT;	2002/09/04
	_	and slave and memory and ic and column	US-PGPUB	18:36
		and line)) and (liquid near crystal)		
1_	1		HEDAT.	2002/09/04
-	1		USPAT;	
		master and slave and memory and ic and	US-PGPUB	18:37
į		column and line)) and (liquid near		
		crystal)) and address		
-	1	"5021775".PN.	USPAT	2002/09/05
1				09:25
_	1	"4901155".PN.	USPAT	2002/09/05
	_	111111111111111111111111111111111111111		09:25
1_	,	"4602760" DN	Henrm	
1-	1	"4692760".PN.	USPAT	2002/09/05
1				09:25
-	1	"4424513".PN.	USPAT	2002/09/05
1				09:25
-	1	"3636553".PN.	USPAT	2002/09/05
	_			09:25
_	5	"3636553"	USPAT;	2002/09/05
-	3	2020212		
L		<u></u>	US-PGPUB	09:26

Search History 8/6/03 4:11:43 PM Page 2

-	558	345/87 and ((integrated near circuit) or	USPAT;	2002/09/05
		ic) and (driv\$3 near2 circuit)	US-PGPUB	09:35
<u> -</u>	120	(345/87 and ((integrated near circuit) or	USPAT;	2002/09/05
		ic) and (driv\$3 near2 circuit)) and	US-PGPUB	09:34
		((first and second) near2 electrode)		
~	3	"5874933"	USPAT;	2002/09/05
			US-PGPUB	09:34
-	491		USPAT;	2002/09/05
		ic) and (driv\$3 near circuit)	US-PGPUB	10:00
-	107	(345/87 and ((integrated near circuit) or	USPAT;	2002/09/05
		ic) and (driv\$3 near circuit)) and	US-PGPUB	13:52
		((first and second) near2 electrode)		
_	20	345/87 and ((integrated near circuit) or	USPAT;	2002/09/05
		ic) and ((driv\$3 near circuit) same	US-PGPUB	10:02
		((first and second) near2 electrode))		
-	1	"5689280".PN.	USPAT	2002/09/05
				11:36
_	1	"5682177".PN.	USPAT	2002/09/05
				11:36
_	1	"5642133".PN.	USPAT	2002/09/05
				11:36
-	1	"5095304".PN.	USPAT	2002/09/05
				11:40
-	0	345/\$ and ((master and slave) near2 ic)	USPAT;	2002/09/05
		and (gray near scale)	US-PGPUB	11:46
-	703	345/\$ and (driv\$4 near circuit) and (gray	USPAT;	2002/09/05
İ		near scale)	US-PGPUB	14:20
-	279	(345/\$ and (driv\$4 near circuit) and	USPAT;	2002/09/05
		(gray near scale)) and ((integrated near	US-PGPUB	14:19
		circuit) or ic)		
-	29	345/\$ and ((driv\$4 near circuit) same	USPAT;	2002/09/05
		(master and slave))	US-PGPUB	11:50
-	5	(345/\$ and ((driv\$4 near circuit) same	USPAT;	2002/09/05
		(master and slave))) and (gray adj scale)	US-PGPUB	11:54
_	54	Morozumi near Shinji	USPAT;	2002/09/05
			US-PGPUB	11:57
_	8	"472358"	USPAT;	2002/09/05
			US-PGPUB	11:58
-	81	"4600274"	USPAT;	2002/09/05
			US-PGPUB	12:09
_	9	"5739887"	USPAT;	2002/09/05
	_		US-PGPUB	12:09
_	1	"5420600".PN.	USPAT	2002/09/05
				12:21
-	1	"5262881".PN.	USPAT	2002/09/05
	_			12:30
_	58	Ito near Akihiko	USPAT;	2002/09/05
1		-	US-PGPUB	13:57
-	4	(Ito near Akihiko) and (gray near scale)	USPAT;	2002/09/05
I		, , , , , , , , , , , , , , , , , , , ,	US-PGPUB	13:58
-	1	"6151007".PN.	USPAT	2002/09/05
I				14:18
-	1	"5760759".PN.	USPAT	2002/09/05
I]			14:19
-	1	"5644332".PN.	USPAT	2002/09/05
I				14:19
-	264	345/\$ and ((driv\$4 near circuit) same	USPAT;	2002/09/05
		((first and second) near2 electrode))	US-PGPUB	14:37
-	38	(345/\$ and ((driv\$4 near circuit) same	USPAT;	2002/09/05
		((first and second) near2 electrode)))	US-PGPUB	14:37
		and ((gray or grey) near scale)		
-	1	"5095304".PN.	USPAT	2002/09/05
	_			14:46
-	1	"5051739".PN.	USPAT	2002/09/05
1	[14:47
-	1	"4881066".PN.	USPAT	2002/09/05
1	_			14:47
-	3	5420600.URPN.	USPAT	2003/07/31
1				16:09
-	3	5420600.URPN.	USPAT	2003/07/31
1				16:12
			<u> </u>	·

-	3	5420600.URPN.	USPAT	2003/07/31
1				16-12

L Number	Hits	Search Text	DB	Time stamp
1	3135	((master primary first main) and (slave	USPAT;	2003/08/06
	3133	secondary second auxiliary)) near (ic (integrated adj circuit))	US-PGPUB	09:24
18	3119	((master primary first) and (slave	USPAT;	2003/08/06
18	3119	secondary second)) near (ic (integrated	US-PGPUB	11:47
		adj circuit))		
19	134		USPAT;	2003/08/06
		secondary second) near (ic (integrated adj circuit))) and lcd	US-PGPUB	12:04
24	3		USPAT	2003/08/06
				12:00
29	66	lcd and (grayscale or greyscale) and	USPAT;	2003/08/06
		(pulse adj width adj modulation)	US-PGPUB	12:12
30	29		USPAT;	2003/08/06
		(pulse adj width adj (modulation or	US-PGPUB	12:12
		modulator))		1
31	29		USPAT;	2003/08/06
		(pulse adj width adj (modulation or	US-PGPUB	13:56
		modulator)))		
32	3	("5489918" "5748164" "6295109").PN.	USPAT	2003/08/06
				13:55
44	2	("5856818" "6288699").PN.	USPAT	2003/08/06
				14:07
47	3	("5489918" "5748164" "6295109").PN.	USPAT	2003/08/06
	1		i	14:08
33	50	345/89.ccls. and lcd and (grayscale or	USPAT;	2003/08/06
	1	greyscale)	US-PGPUB	14:09
50	14		USPAT	2003/08/06
		"5414442" "5465102" "5583530"		14:11
		"5638091" "5745087" "5815128"		1
		"5903323" "6043801" "6094243"		
		"6154189" "6184874").PN.		
-	202	345/103.ccls.	USPAT;	2003/08/05
	}		US-PGPUB	15:16
-	5	345/103.ccls. and master and slave	USPAT;	2003/08/05
			US-PGPUB	13:50
-	30	(master and slave) near ic	USPAT;	2003/08/05
			US-PGPUB	13:51
-	5	("4677317" "4970687" "4984190"	USPAT	2003/08/05
		"5233350" "5412644").PN.		13:52
-	0	6473059.URPN.	USPAT	2003/08/05
	_			13:57
-	6	"5801674"	USPAT	2003/08/05
		(PACTODADE A PATOTODOE A PAGAGOGO :		14:20
-	21	("4679043" "4795239" "4816816"	USPAT	2003/08/05
		"4963860" "5051739" "5136282"	1	13:59
		"5218352" "5250931" "5376944"	1]
		"5394166" "5512915" "5555001" "6663634" "6674475" "6686816"	1	
		"5563624" "5574475" "5585816"		
		"5598178" "5598180" "5629715"		
	_	"5703616" "5798741" "5801674").PN.	IICDAM.	2002/00/05
-	3	"6125286"	USPAT;	2003/08/05
	.		US-PGPUB	14:21
-	1	"6177917"	USPAT;	2003/08/05
]	1 10	11500053511	US-PGPUB	14:22
] -	18	"5896575"	USPAT;	2003/08/05
1_	,	"5420600" DN	US-PGPUB	15:01
[⁻	1	"5420600".PN.	USPAT	2003/08/05
!	3	5420600.URPN.	HEDAT	14:46 2003/08/05
[-	3	J4ZUOUU.UKPN.	USPAT	14:53
I _	1023	(dienlay near) driv(A) and (master and	IISDAT.	2003/08/05
⁻	1023	(display near2 driv\$4) and (master and slave)	USPAT; US-PGPUB	15:02
_	56	l '	USPAT;	2003/08/05
-		slave)) and (select\$4 adj5 (master and	US-PGPUB	15:09
		slave)	03-1910	13.03
_	16934	(liquid adj crystal) and (driv\$4 near	USPAT;	2003/08/05
	10934	(liquid adj crystal) and (driv;	US-PGPUB	15:10
L	L	0110010/	1 22 13100	1

Search History 8/6/03 4:10:05 PM Page 1

	2257	((select\$4 or set\$4) adj5 (master and	USPAT;	2003/08/05
-	2237	slave))	US-PGPUB	15:13
	21		USPAT;	2003/08/05
-		circuit)) and (((select\$4 or set\$4) adj5	US-PGPUB	15:13
		(master and slave)))	US FGF UB	1 13.13
	1727	345/204	USPAT;	2003/08/05
-	1/2/	343/204	US-PGPUB	15:17
	23	345/204 and 345/103.ccls.	USPAT;	2003/08/05
-	23	345/204 and 345/103.0018.	US-PGPUB	15:59
	1	/245/204 and 245/202 and 1 and 1 and 1	USPAT;	2003/08/05
-	3		,	16:18
		and slave)	US-PGPUB	
_	8	(USPAT	2003/08/05
		"5638088" "5642133" "5677705"		16:06
		"5682177" "5689280").PN.		2003/00/05
-	3	5818409.URPN.	USPAT	2003/08/05
Į.				16:08
-	12	(Nishida near Yasuhiro).in.	USPAT;	2003/08/05
		l	US-PGPUB	16:20
-	848	(master and slave) adj (ic or mode or	USPAT;	2003/08/05
		driver)	US-PGPUB	17:11
-	140	epson and (lcd adj3 controller)	USPAT;	2003/08/05
ŀ			US-PGPUB	17:00
-	18	"5896575"	USPAT;	2003/08/05
			US-PGPUB	17:00
_	27397	((master primary first main) and (slave	USPAT;	2003/08/06
		secondary second auxiliary)) adj (ic	US-PGPUB	11:40
		driv\$3 (integrated adj circuit))		
-	1228679	((master primary first main) and (slave	USPAT;	2003/08/05
		secondary second auxiliary)) and (ic	US-PGPUB	17:24
		driv\$3 (integrated adj circuit))		